



HAMPDEN COUNTY REGISTRY OF DEEDS

DAMS FILE COLLECTION

BOOK D06

TOWN OF EAST LONGMEADOW, MASSACHUSETTS



*Donald E. Ashe, Register
Hampden County Registry of Deeds,
a Division of the Office of
William Francis Galvin, Secretary of the Commonwealth*

TABLE OF CONTENTS ~ TOWN OF EAST LONGMEADOW DAMS

Chapman Dam

Forest Park Dairy Dam aka Dietrich Dam

Wetstone Tobacco Company Dam #1

Wetstone Tobacco Company Dam #2

Wetstone Tobacco Company Dam #3

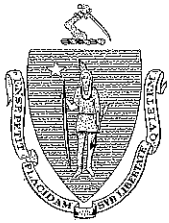
Chapman Dam



1945 East Longmeadow

Located on Scantic Brook

City/Town	East Longmeadow
Dam	Chapman Dam
Name	Chapman, C H
Water	Scantic Brook



Commonwealth of Massachusetts

County of Hampden

Springfield, Mass.

Office of the
County Commissioners

Thomas J. Costello
Chairman

Charles M. Gray
Edward J. Stapleton

October 3, 1945

Mrs. C. H. Chapman
Mill Road
Route 1
East Longmeadow, Mass.

Dear Madam:

In accordance with the provisions of Chapter 253, Section 45 et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your auxiliary concrete overflow structure built apart from the main structure located on Scantic Brook in the town of Hampden has been inspected by our engineer and your attention is called to the following conditions noted and recommendations made by him;

"This auxiliary concrete overflow structure has a washout at its west end, which should be repaired."

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Yours very truly,

COUNTY COMMISSIONERS

By Thomas J. Costello
Chairman

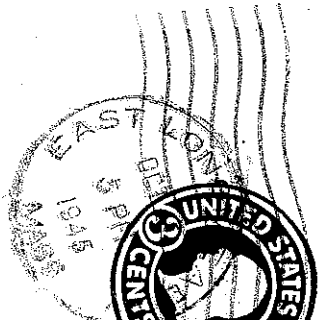
Charles M. Gray
Edward J. Stapleton

After 5 days, return to
COUNTY COMMISSIONERS,
Court House,
SPRINGFIELD, MASS.

Ret. 10/6/45

Unknown CO

~~Mrs. C. H. Chapman
1111 Road
Route 1
East Longmeadow, Mass.~~



Forest Park Dairy Dam aka Dietrich Dam



1955 East Longmeadow

Irrigation Dam located on Shaker Road. See also: County Roads Plan #3 (1955) "Reconstructing irrigation dam - Shaker Road - A. Deitrich." Record Book 27 Page 220.

City/Town	East Longmeadow
Dam	Dietrich Dam
Dam	Forest Park Dairy Dam
Name	Forest Park Dairy
Name	Dietrich, Albert
Name	Dietrich, A H
Streets	Shaker Road

December 9, 1953

Forest Park Dairy
Shaker Road
East Longmeadow, Mass.

Gentlemen:

In accordance with the provisions of Chapter 253, Section 45 et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your dam located to the rear of the Dairy at Shaker Road has been recently inspected by our Engineer, and your attention is called to the following conditions noted and recommendations made by him:

"This dam is new and was discovered during a routine inspection of the East Longmeadow area. It is located to the rear of the Forest Park Dairy, westerly of Shaker Road, southerly of the Package Machinery Company property and is in the small valley of Shaker Brook. This dam approximates the limits of a structure which would come under County jurisdiction. Its height is near to 10 feet, the drainage area approximates a square mile, while the volume of water in storage could exceed one million gallons, depending on run-off conditions. The dam itself is an earthen structure approximately 20 feet wide on the top and with an average length of around 130 feet. Normally, the overflow passes through a small pipe laid through the lower portion of the dam and bent upward so that the water flows from the pipe, as it would from a fountain and runs down the natural water shed valley. For major run-off conditions, a swale spillway of a sizeable capacity is constructed around the right side of the dam and appears to have been excavated in what was once undisturbed soil. However, in walking on this swale spillway, the earth underfoot appeared soft, not packed, and more of a loosely filled material, even though local evidence shows that the swale is probably in cut. The bottom of the swale spillway has a very thin tracing of loam over sand and a growth of grass has been started. It would seem that a major flow of water through this swale would wash the bottom of the trough. The swale is capable of handling a large volume of overflow since it is approximately 12 feet wide and constructed with shallow side slopes. The undersigned is to contact the owner later in the day, this date, to discuss the structure and to outline the requirements as provided under the General Laws. In order that a record may be

Forest Park Dairy

-2-

December 9, 1953

"available of this new structure and of the method of its construction, together with any sub-surface works, plans of the dam and spillway together with a descriptive specification should be provided the County for record purposes."

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Very truly yours,

COUNTY COMMISSIONERS

By _____ Chairman

CD

Nov. 14, 1955

The Hon. The Board of County Commissioners
Hampden County Court House
Springfield, Massachusetts

COPY

Gentlemen:

We have received copies of a plan and specifications filed with the County on Nov. 9, 1955 for the construction of an irrigation dam in East Longmeadow. The Plan is entitled "Construction of Irrigation Dam, Shaker Road, East Longmeadow, Mass., owned by Albert Dietrich" drawing No. 74-3518 and the specifications are entitled "Specifications, Reconstruction of Irrigation Dam, Shaker Road, East Longmeadow, Mass."

The proposed work provides for the reconstruction of a spillway on a small earthen dam damaged in the spillway section, during the flood of August, 1955. The dam is located westerly of the NY, NH & H Railroad tracks and on the headwaters of Jawbuck Brook. The dam is used to impound water for irrigation purposes. The work as proposed includes the filling of the washed out spillway area with a carefully compacted clay, sand and gravel mixture rolled in place with a sheeps foot roller and compacted at optimum moisture content. The finished embankment shall be compacted not less than 95% of dry density and the surface of the newly compacted spillway is to be lined with hand laid riprap properly installed so that there shall be no erosion of the fill of the dam.

Through the spillway it is proposed to install an 18-inch drain pipe. This drain pipe is only specified as a steel pipe. The type of pipe should be indicated, the type of joint should be specified and proper provisions made to prevent seepage along the outside edge of the drain pipe.

No gate valve of any type is shown on the pipe. A gate of some sort should be included in the design and the location of the gate should be near the upstream end of the pipe.

Consideration could be given to the installation of the pipe thru the existing dam at the location of the present small diameter overflow pipe. By locating the 18-inch drain in the dam proper rather than in the spillway, it will be more economical and simpler to provide a valve installation and ease of access for operating purposes.

It is noted that the overflow capacity of the spillway channel will be barely satisfactory provided the full spillway channel height will be available for the discharge of extreme flows. Consequently, paving of the channel should be carried to the full height as shown on Section AA for the entire length of the spillway and crest.

The Hon. the Board of County Commissioners
Springfield, Massachusetts

CD
Nov. 14, 1955

It is assumed that the cross section of the spillway transverse to Section BB will be the same cross section as shown on Section AA. This portion of the plan should be clarified.

It is recommended that the Owner be requested to have his Engineer modify the Plans and Specifications as recommended hereinabove prior to reconsideration for approval by your Board.

Very truly yours

Tighe & Bond, Inc.

George H. McDonnell
County Hydraulic Engineer

GHM:omb

Jan. 2, 1956

Forest Park Dairy, Inc.
343 Shaker Road
East Longmeadow, Mass.

Att: Albert H. Dietrich, President

Dear Sir:

Reference is made to your letter of Dec. 10, 1956, relative to your dam located westerly of your property in the town of East Longmeadow. This Board appreciates the fact that you provided a camping, fishing, and swimming area for the young folks of East Longmeadow and that in order to have water for swimming purposes you raised the water level of the pond by plugging the flood-caused breach in your dam. The fact that you have performed a good community service cannot be the basis for determining whether a dam is safe or not.

The report of our hydraulic engineer points out that the dam is not safe and that until a proper spillway is provided, no water should be ponded behind the dam, and that the plug you have placed in the breach thru the dam should be removed. Since Chapter 253 of the General Laws of the Commonwealth require the Boards of County Commissioners to inspect dams and to see that they are properly maintained, we must make all decisions regarding dams in the County based upon engineering facts and the reports of our County Hydraulic Engineer. Since in his opinion the dam is not safe as now existing, we have no alternative but to order that the breach in the dam be opened immediately and that no water be stored at the site of this dam until a proper spillway is constructed. No work should be done in connection with a new spillway until plans and specifications of the proposed work are filed and approved.

Will you kindly open the breach in the dam carefully so as to release the stored water slowly and cease ponding water immediately. The Board of County Commissioners would appreciate receiving notice from you that the breach in the dam has been opened.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

Forest Park Dairy

ALBERT H. DIETRICH, PROP.

339 SHAKER ROAD

EAST LONGMEADOW, MASS.

Tel. East Long. 763

June 30, 1956

County Commissioners
Hampden County
Springfield, Mass.

Gentlemen:

Last Fall I notified your commission of my desire to withdraw my application for permit to reconstruct an irrigation pond destroyed by heavy rains. What had been done up to that time now proves far from adequate to supply me with the needed water for 160 acres of crops.

In consequence of this I have created an obstruction contrary to my original plans but which can and will temporarily hold back water the two months the need is urgent and then by removing covers on two pipes allow the water to fall to the level of the brook which makes the pond.

The pipes are 30 feet long and one is 15 inches and the other 27 inches in diameter. They are covered with muck from a swamp and 30 yards of rocks are being laid at both ends of pipes. Wooden covers which can easily be pulled away when notified by WTIC radio station of imminent danger of flash-floods. A six inch pipe in dam also allows normal discharge of water at all times.

Awaiting your pleasure in this matter, I am

Respectfully yours,

Albert H. Dietrich
343 Shaker Rd.,
East Longmeadow.

AHD/MD

Copy of this letter sent to
George H. McDonnell, County
Hydraulic Engineer, on July 2, 1956.

WATER SUPPLY
SEWERAGE
SEWAGE DISPOSAL
STRUCTURAL ENGINEERING
ELECTRICAL ENGINEERING

TIGHE & BOND, INC.
CONSULTING ENGINEERS
BOWERS AND PEQUOT STREETS
HOLYOKE, MASSACHUSETTS
GEORGE H. McDONNELL
PHILIP W. SHERIDAN

DAMS & POWER INSTALLATIONS
HIGHWAYS & BRIDGES
HOUSING DEVELOPMENT
WASTE DISPOSAL

Aug. 6, 1956

The Hon The Board of County Commissioners
Hampden County Court House
Springfield, Mass.

Gentlemen:

An inspection was made recently of the dams in East Longmeadow and it was found that the Dam of Mr. A. H. Dietrich located at the rear of his property at 343 Shaker Rd. in East Longmeadow has been partly repaired in a very poor manner and that as now existing this dam is dangerous to persons and property downstream.


During the flood of August, 1955, a portion of the dam was washed through. This breached area has been partly filled with miscellaneous material and two pipelines have been installed thru this material that are too small for the installation. A heavy storm could fill the basin and overtop the material placed in the washout. The loss of this material can result in the sudden discharge of a fairly large quantity of water.

The undersigned has communicated with the Owner of the dam a number of times since the August, 1955, flood and has conferred with the Owner and has stressed the necessity of careful and thorough construction at the site of this dam if the structure is to again impound water.

The water now impounded is being used for irrigation purposes and no doubt the owner of the dam needs this water to salvage his crops. However, loss of the embankment temporarily placed in the breach could do damage downstream and the partial blocking of the breach has not only been poorly done but has not been done with permission of the undersigned.

It is recommended that the owner of the dam be instructed to remove the temporary embankment placed in the breach of the dam and that proper plans and specifications be prepared for approval by your Board.

Respectfully submitted,


George H. McDonnell
County Hydraulic Engineer

GHM/mdb

August 8, 1956

Mr. A. H. Dietrich
343 Shaker Rd.
East Longmeadow, Mass.

Dear Sir:

We have received a report from our County Hydraulic Engineer that you have made certain repairs to your dam in East Longmeadow and that these repairs have been made without filing plans and specifications for County approval. The law on dams in the Commonwealth of Massachusetts requires that any repairs to your dam be approved prior to repairs being made. The County Engineer reports that as now existing, a heavy rain storm can and probably will result in the loss of the fill placed in the breach of your dam and that consequently damage to persons and property downstream may occur.

You are directed to open the breach in your dam that existed as the result of the August, 1955, flood and to leave that breach open until you have submitted plans and specifications for the work of permanent repairs to your dam.

It is our understanding that water now impounded is being used for irrigation purposes. We are aware of the need of this water for agricultural requirements but are also concerned with the safety of your structure and its present dangerous condition. Our County Engineer will be glad to confer with you on the matter of obtaining water for irrigation purposes and reconciling this need with the requirements for a safe dam and the removal of the present dangerous fill.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

WATER SUPPLY
SEWERAGE
SEWAGE DISPOSAL
STRUCTURAL ENGINEERING
ELECTRICAL ENGINEERING

TIGHE & BOND, INC.
CONSULTING ENGINEERS
BOWERS AND PEQUOT STREETS
HOLYOKE, MASSACHUSETTS
GEORGE H. McDONNELL
PHILIP W. SHERIDAN

DAMS & POWER INSTALLATIONS
HIGHWAYS & BRIDGES
HOUSING DEVELOPMENT
WASTE DISPOSAL

C. D. E. Longmeadow
Oct. 4, 1956

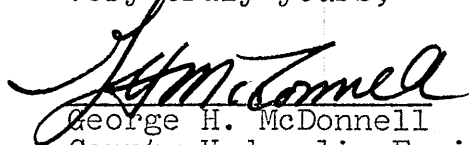
The Hon. The Board of County Commissioners
Hampden County Courthouse
31 Elm Street
Springfield, Mass.

Gentlemen:

This past week I re-inspected the dam at the Forest Park Dairy located westerly of Shaker Road in East Longmeadow and found that the dam still impounds water and is in a dangerous condition should extremely heavy rainfall occur. This dam was washed through in the flood of August, 1955, and the owner has discussed permanent repairs at this dam from time to time. Emergency repairs have been made without filing plans and specifications for approval. These repairs pond water at the present time. Should extremely heavy run-off occur, the plug of earth through the breach in the dam could be washed out and the ponded water released suddenly to be discharged onto property below and into the ponds recently restored by the reconstruction of dams on property of Wetstone.

It is recommended that the owner of this dam be directed to breach the repair through his dam and to cease ponding water until such time as plans and specifications are filed for approval showing proper repairs to the structure.

Very truly yours,



George H. McDonnell
County Hydraulic Engineer

GHM/r

Oct.10, 1956

Forest Park Dairy
339 Shaker Road
East Longmeadow, Mass.

Att: Albert H. Dietrich, Proprietor

Dear Sir:

An inspection has been made of your dam located to the west of your property and westerly of Shaker Road in East Longmeadow. This dam was washed through in the flood of August, 1955, and repairs have been made to the breach without filing plans and specifications for approval. Our County Hydraulic Engineer reports to our Board that the repairs are not safe and that it is possible for the earth plug placed in the breach to be washed out in time of heavy storm run-off. Since this condition is dangerous to persons and property downstream, you are directed to remove the plug in the breach in this dam and to cease ponding water until such time as proper plans and specifications are filed and approved for the repair of the dam. The breach through the dam should be properly cleaned out so that in time of storm the surface water run-off will pass thru the dam without ponding.

Any further information desired in connection with this matter will be made available to you upon request.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

GHM/f

Dec. 5, 1956

Forest Park Dairy
339 Chapin Road
East Longmeadow, Mass.

Att: A. H. Dietrich, Proprietor

Dear Sir:

An inspection has been made recently of your dam located to the west of your property and westerly of the railroad tracks in East Longmeadow. Following a previous inspection and report by our County Hydraulic Engineer, you were directed to remove the plug of earth placed in the washed-thru breach in this dam and to cease ponding water until such time as proper plans and specifications were filed and approved for the repair of the dam. This matter was brought to your attention in a letter from this Board on October 4, 1956. In our opinion a sufficient time has elapsed for action to be taken by you in regard to the breaching of your dam.

In accordance with Chapter 253 of the General Laws of the Commonwealth you are hereby directed to remove the plug placed in the breach at your dam and to cease ponding water until approval for the maintenance of a dam is obtained from this Board.

Kindly notify the undersigned by December 19, 1956, of your intended action in this regard.

Any further information desired in connection with this matter will be made available to you upon request.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

GHM/f

Forest Park Dairy, Inc.

ALBERT H. DIETRICH, PRESIDENT

343 SHAKER ROAD

EAST LONGMEADOW, MASS.

December 10, 1956

County Commissioners,
Court House,
Springfield, Mass.

Gentlemen:

Factors which I do not wish to make public at this time have prevented me from obeying your orders. This much I can inform you. My property is being considered for a large industrial development and the engineers representing one of the prospective purchasers say the pond and brook are "an economic asset" and told me to what use they would put them. Under the circumstances I halted work and did not submit plans because of needless expense. There is enough water to take care of next year's crops which will be the last.

My one purpose in raising the water level, believe it or not, was to give the kids and Boy Scouts of the town a camping, fishing and swimming area under the supervision of Lion's Club committee-men, of which I am one. Boy Scouts spent every week-end during the summer in the grove. Inquiries in town will confirm this.

The opening made in the rocks and fill would be temporarily satisfactory I was told by one of the engineers who represents a many-million-dollar corporation. Their permanent structure certainly will comply with any laws governing water impounding or your controls.

Negotiations have been under way since June and present indications are that more time will elapse before I make a final decision regarding agreements and sale.

Hoping this information satisfies your board until more definite and concrete proposals are submitted by the new owners I await your decision.

Yours truly,

Albert H. Dietrich

AHD/M

Copy of this letter sent to George H. McDonnell,
County Hydraulic Engineer, on December 13, 1956.

WATER SUPPLY
SEWERAGE
SEWAGE DISPOSAL
STRUCTURAL ENGINEERING
ELECTRICAL ENGINEERING

TIGHE & BOND, Inc.
CONSULTING ENGINEERS
BOWERS AND PEQUOT STREETS
HOLYOKE, MASSACHUSETTS
TEL. JEFFERSON 3-3991

GEORGE H. McDONNELL
PHILIP W. SHERIDAN

DAMS & POWER INSTALLATIONS
HIGHWAYS & BRIDGES
HOUSING DEVELOPMENT
WASTE DISPOSAL

C.D.-E. Longmeadow
Dec. 18, 1956

The Hon. The Board of County Commissioners
Hampden County Court House
37 Elm Street
Springfield, Mass.

Gentlemen:

I have reviewed the letter from the Forest Park Dairy, Inc., dated Dec. 10, 1956, written to your Board regarding the dam and pond located in East Longmeadow and westerly of the dairy property.

I can appreciate the problem of Mr. Dietrich regarding his desire to eliminate any expense in connection with this dam if he is to dispose of the property in the near future. However, downstream of this dam property owners have spent many thousands of dollars repairing flood damage and in reconstructing their dams in accordance with the requirements of the law.

I am certain that the young people and the citizens of East Longmeadow appreciate the fact that Mr. Dietrich provided a fishing and swimming area for general public use during the past year.

I cannot agree with the statement made in the third paragraph of the letter wherein the writer states that the opening made in the rocks and fill will be temporarily satisfactory.

If weather conditions during the coming winter or spring cause a heavy runoff that results in the ponding of a large quantity of water and the subsequent failure of the dam of Mr. Dietrich, I am certain that property owners downstream will not be satisfied with the argument presented by Mr. Dietrich for conditions now existing at his dam. The stream flowing thru the property of Mr. Dietrich continues on down into Connecticut and further complications could result if a flood of any consequence occurred on the stream and failure of the dam in question contributed in any way to the quantity of water.

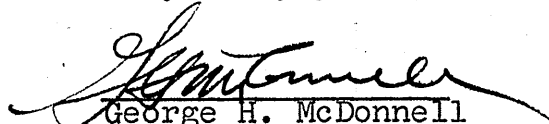
In all probability there is little if any chance that a storm of sufficient magnitude will wash out the dam of Mr. Dietrich in the next month or in the next six months. However, there is a definite chance that such a failure could occur even if

C.D.-E. Longmeadow
Dec. 18, 1956, Cont.

the probability is low. In my opinion, as long as there is a probability that failure of his dam can occur during the period of time when he would like to store water with an improper structure, such permission should not be granted with due respect to the safety of persons and property downstream.

It is recommended that the owner of the dam, Mr. Albert H. Dietrich, be instructed to either properly repair his dam within a specified length of time or that the dam be breached to cease ponding of water. In any event, the temporary breach should be made immediately pending a complete and permanent breach of this structure or the preparation of proper plans and specifications. I cannot see where the breaching of this dam will alter its value to any purchaser since the dam must be breached and rebuilt if it is to be maintained by a new owner, for the present plug in the washed-out area is of such a temporary nature that before any permanent repairs can be made this plug must be removed and a breach formed.

Very truly yours,


George H. McDonnell
County Hydraulic Engineer

GHM/f

Forest Park Dairy, Inc.

ALBERT H. DIETRICH, PRESIDENT

343 SHAKER ROAD

EAST LONGMEADOW, MASS.

January 21, 1957

County Commissioners.
Court House,
Springfield, Mass.

Gentlemen:

Even the elements are against me and my dam. I had made arrangements to have a photograph taken at the "plug" to clear question of water being dammed on my property, but snow and extreme cold have prevented. The water stored is there because I had created depth by going deeper than the flow of the brook and no stoppage of the water exists at present, in the opinion of two out-of-State engineers.

However, the George Limberger Co., of Ellington, Conn. has been hired to remove the "plug" as I will have no further need for more irrigation water, but, due to weather conditions "immediately" may be difficult.

If circumstances allow, I would like to have you inspect this personally to see that I am not ponding water.

Yours truly

Albert H. Dietrich

AHD/M

Copy of this letter sent to George H. McDonnell
on February 26, 1957.

Jan. 8, 1958

Forest Park Dairy
339 Shaker Road
East Longmeadow, Mass.

Att: A. H. Dietrich, Proprietor

Gentlemen:

In accordance with the provisions of Chapter 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition, and safety of the dams of Hampden County, you are hereby advised that your dam located to the west of Shaker Road and the New York, New Haven, and Hartford Railroad tracks on your property in East Longmeadow has been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"Conditions at this dam are about the same as those that have existed since the flood of August, 1955. A breach was washed thru the dam as the result of the flood water and the breach has been partially plugged by the placing of earth in the opening. This plug is not properly made nor is there a proper and adequate spillway for this dam. The owner should be directed again to breach the dam and to cease ponding water at this location until proper plans and specifications for a new dam and spillway are prepared, filed and approved and then construction completed."

Unsatisfactory conditions have existed at this dam for some time. The structure should either be properly repaired or abandoned. Will you kindly notify this Board or the County Hydraulic Engineer of your plans for repairs or abandonment of the structure.

Any further information desired in connection with this matter will be made available to you upon request.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

Forest Park Dairy, Inc.

ALBERT H. DIETRICH, PRESIDENT

343 SHAKER ROAD

EAST LONGMEADOW, MASS.

January 10, 1958

County commissioners
Court House
Springfield, Mass.

Gentlemen:

As you no doubt are aware my property has been the subject of much discussion, some public, more private, during the past year.

East Longmeadow town officials have also interested me in a plan they propose for the tract. It is my purpose to allow it to be developed for only high grade industry. In view of these circumstances I have opened the "plug" at the dam, as requested by you, so water is not being impounded in its natural flow; but I do not want to make a permanent structure for the pond until I know to what use the water will be put and the volume needed.

As I stated in an earlier letter a highly qualified engineer representing a railroad told me he saw no danger in the breach as it now exists. I had hoped your Mr. McDonnell would see it in the same light until I know what is going to happen.

It is not my intention to be obstinate in this matter. I just ask your indulgence a little longer. It will be either properly done as Mr. McDonnell demands or undone, depending on events in the nearby months.

Thanking you for your tolerance, I am

Yours truly,

Copy of this letter
sent to George H. McDonnell,
County Hydraulic Engineer,
on January 13, 1958.


Albert H. Dietrich

Nov. 12, 1958

Forest Park Dairy
339 Shaker Road
East Longmeadow, Mass.

Att: A. H. Dietrich, Proprietor

Gentlemen:

In accordance with the provisions of Chapter 253, Section 45, et. seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition, and safety of the dams of Hampden County, you are hereby advised that your dam located to the west of Shaker Road and the New York, New Haven, and Hartford Railroad tracks on your property in East Longmeadow has been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"Conditions at this dam are still the same as reported last year. A pond is formed by a plug of earth placed in the breach washed thru the dam in the flood of August, 1955. This earth plug is makeshift and the overflow consists of a pipe laid thru the plug. When last inspected, it was noted that debris was partly blocking this temporary and unsatisfactory overflow.

Heavy storm runoff can exceed the pipe capacity and will overflow the plug of earth placed in the breach. The owner has been notified of the unsatisfactory condition of this dam in the past. He should be directed to breach the dam and to cease ponding water at this location until proper plans and specifications for a new dam and spillway are prepared, filed and approved, and authorized construction completed."

Our County Hydraulic Engineer again reports that the dam is unsatisfactory. In your letter of January 10, 1958, fourth paragraph, you indicated that depending on events in the nearby months you would either properly construct the dam or breach the structure in such a manner that no water would be ponded. Will you kindly notify this Board or the County Hydraulic Engineer of what action you plan to take.

Any further information you may desire in connection with this matter will be furnished by this office upon request.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

Dec. 14, 1960

Forest Park Dairy
339 Shaker Road
East Longmeadow, Mass.

Att: A. H. Dietrich, Proprietor

Gentlemen:

In accordance with the provisions of Chapter 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your dam, located to the west of Shaker Road and the New York, New Haven & Hartford Railroad tracks on your property in East Longmeadow has been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"The breach in this dam caused by the flood of August 1955 still exists and no move has been made by the Owner to either properly repair the dam or to provide a permanent breach suitable in size to safely pass flood flows. Evidence at the dam indicates that a temporary partial plug had been placed in the breach again this year and that this plug was either purposely removed or accidentally washed thru during the time of heavy storm runoff conditions. Some water was ponded at the time of the last two inspections, one in October and one in December.

It is recommended that the Owner again be directed to provide a proper breach thru the dam and to keep the breach wide open until such time as plans and specifications showing and describing proper spillway construction are prepared, filed with your Board and the spillway constructed."

For the past five years inspection reports have indicated that conditions at this dam are unsatisfactory. From time to time this matter has been discussed with you and various reports

submitted with recommendations concerning needed work at the structure.

This Board concurs with the report of the County Hydraulic Engineer in that the dam should be provided with a proper spillway or it should be breached with a wide and deep cut so that no water can be ponded in time of heavy storm runoff. It is suggested that plans and specifications of proper repairs be prepared and submitted for review and approval. The County Hydraulic Engineer would be pleased to advise you in connection with this matter. Such plans and specifications can be prepared by your own personnel, engineers experienced in dam repairs and construction or thru assistance that probably would be available to you thru the Soil Conservation Service.

Any further information you may desire in connection with this matter will be furnished by this office upon request.

Very truly yours

BOARD OF COUNTY COMMISSIONERS

Wetstone Tobacco Company Dam No 1



1950 East Longmeadow

Located on Denslow Road. See Wetstone Tobacco Company Dam No 2, for additional information. Also see: Dam Report Section - East Longmeadow. See also: County Roads Plan #4 (1955) and Plan #6 (1956) "Dam for Wetstone Tobacco Company".

City/Town	East Longmeadow
Dam	Wetstone Tobacco Company Dam No 2
Dam	Wetstone Tobacco Company Dam No 3
Dam	Wetstone Tobacco Company Dam No 1
Name	Wetstone Tobacco Company
Streets	Denslow Road

EAST LONGMEADOW
D06003

WETSTONE TOBACCO COMPANY DAM #1

NO IMAGE ON FILE FOR THIS RECORD

(INFORMATION EXISTS ONLY ON A FILE CARD FROM THE
OFFICE OF THE FORMER HAMPDEN COUNTY ENGINEER.)

Wetstone Tobacco Company Dam No 2



1950 East Longmeadow

Located on Freshwater Brook. Also see: Dam Report Section - East Longmeadow. See also: County Roads Plan #4 (1955) and Plan #6 (1956) "Dam for Wetstone Tobacco Company".

City/Town	East Longmeadow
Dam	Wetstone Tobacco Company Dam No 1
Dam	Wetstone Tobacco Company Dam No 2
Dam	Wetstone Tobacco Company Dam No 3
Name	Wetstone Tobacco Company
Water	Freshwater Brook

October 4, 1950

Mr. Julius Wetstone
523 Shaker Road
East Longmeadow, Massachusetts

Dear Sir:

In accordance with the provisions of Chapter 253, Section 45 et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your dams located on Freshwater Brook and Jawbuck Brook in East Longmeadow have been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him:

Freshwater Brook Dam: The swale spillway on the easterly end of the dam should be brushed and cleaned. The spillway pipes should be examined carefully from time to time to be certain that they are not deteriorating and in danger of rupture. These pipelines, because of the way they are laid through the dam, contain water under pressure, and thus, might cause a failure of the dam if they ruptured.

Jawbuck Brook Dam: A swale spillway should be constructed on natural soil. The corrugated plate flume at the end of the spillway pipes will eventually deteriorate and fail, with the result that a washout might occur at the toe of the dam. This condition should be remedied by the installation of a more permanently constructed spillway flume.

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Yours very truly,

COUNTY COMMISSIONERS

By _____
Chairman

The Wetstone Tobacco Corporation

GROWERS AND PACKERS OF

CONNECTICUT

SHADE GROWN AND BROADLEAF TOBACCOS

ELM STREET MANCHESTER, CONN.

October 25, 1950

County Commissioners,
37 Elm St.
Springfield, Mass.

Gentlemen:

I am in receipt of your letter of October 4th with the recommendations made by your engineer.

On the Freshwater Brook Dam, the brush will be cleaned on the swale spillway on the easterly end of the dam as recommended.

On the Jawbuck Brook Dam, your engineer recommended that we install a more permanently spillway flume.

We wish to advise you that the present flume is of the same metal as the pipe in the dam, and was specially constructed for us by the New England Culvert Company of Palmer, Mass.

The material they use in their pipes is known to lay in the ground for many years without deteriorating.

Inasmuch as the flume is constructed out of the same material, we believe that it should also not deteriorate.

However, we would be glad to have your engineer discuss the matter with us further relative to this flume.

Please note that my main office is at Elm Street, Manchester, Conn., and would appreciate it if you would send your correspondence here.

Very truly yours,

Julius Wetstone
for H. W.

JW:W

Copy of this letter mailed to Mr. G.H. McDonnell,
County Hydraulic Engineer, on October 27, 1950.

C O P Y

December 20, 1950

Wetstone Tobacco Corporation
Elm Street
Manchester, Connecticut

Attention: Julius Wetstone

Dear Sir:-

We have made a reinspection of your dams located in East Longmeadow, and find them to be in a satisfactory condition. The swale spillway on Jawbuck Brook has been well constructed and should provide adequate protection for the dam during the time of high runoff. The material composing the corrugated plate spillway is satisfactory, however, our concern is mainly with the possibility of soil erosion at the end of the spillway. If you will kindly watch this point from time to time, especially during and after periods of high runoff, and repair any damage that might occur, I believe the spillway may be satisfactory for some time.

Very truly yours,

By

G. H. McDonnell
County Hydraulic Engineer

JAMES L. TIGHE
PHILIP E. BOND

TELEPHONE
HOLYOKE 5525

TIGHE & BOND
CONSULTING ENGINEERS
189 HIGH STREET
HOLYOKE, MASSACHUSETTS

WATER SUPPLY
SEWERAGE
SEWAGE DISPOSAL
WATER POWER
DAMS

December 22, 1950

The Hon. The Board of County Comm'rs.
Hampden County Court House
Springfield, Mass.

Attention: Thomas F. Sullivan, Chairman
Gentlemen:

Enclosed find copy of a letter to
Mr. Julius Wetstone of the Wetstone Tobacco
Corporation, pertaining to an inquiry on the
undersigned's report of the inspection of
his dam. This letter is self-explanatory and
is for your information and files.

Very truly yours,

By G. H. McDonnell /s/
G. H. McDonnell
County Hydraulic Engineer

*Wetstone Dam,
E. Longmire-dam*

December 9, 1953

Whetstone Tobacco Co.
Shaker Road
East Longmeadow, Mass.

Gentlemen:

In accordance with the provisions of Chapter 253, Section 45 et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your dam located at Crescent Lake Brook, westerly of Shaker Road in East Longmeadow, has been recently inspected by our Engineer, and your attention is called to the following conditions noted and recommendations made by him:

"Two gullies, small in size, have been washed in the surface of the dam at the Northerly end. These should be filled and graded. The swale spillway at the Southerly end of the dam is now showing evidence of some erosion and this erosion should be controlled so that further loss of soil will not occur."

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Very truly yours,

COUNTY COMMISSIONERS

By _____

Chairman

Dave is
in East Long.

274 BROAD ST. MANCHESTER, CONN.

Copy of this letter mailed to
George H. McDonnell, County Hydraulic Engineer,
on December 23, 1953.

WATER SUPPLY
SEWERAGE
SEWAGE DISPOSAL
STRUCTURAL ENGINEERING

TIGHE & BOND
CONSULTING ENGINEERS
GEORGE H. McDONNELL, PROP.
189 HIGH STREET
HOLYOKE, MASSACHUSETTS

DAMS & POWER INSTALLATIONS
HIGHWAYS & BRIDGES
HOUSING DEVELOPMENT
WASTE DISPOSAL

December 29, 1953

*Dam in
East Long.*

The Hon. the Board of County Commissioners
Hampden County Court House
Springfield, Massachusetts

Attention Ralph P. Walsh, Chairman


Dear Sir:

Enclosed please find a letter together with a file copy which I thought you might want to send to the Wetstone Tobacco Corporation in answer to their letter of December 15, 1953.

From the letter written by Mr. Wetstone it would seem that he is quite concerned over the possibility of being required to do maintenance work this winter. His dam that is in need of maintenance is not in a bad condition and as was pointed out to him in your letter of December 8, 1953, the gulleys referred to are small in size. I thought that the enclosed letter would ease Mr. Wetstone's mind on the matter and point out to him that the undersigned would be glad to cooperate with him when he gets back at the farm and point out to him the maintenance work which in the long run will protect his investment in the dam.

If you agree with me in regard to this matter then the original of the enclosed letter could be sent on to Mr. Wetstone.

Very truly yours,

BY 
George H. McDonnell
County Hydraulic Engineer

GHM*emm

*Dam in
East Long*

December 30, 1953

The Wetstone Tobacco Corporation
274 Broad Street
Manchester, Connecticut

Attention Mr. Julius Wetstone

Dear Sir:

In reference to your letter of December 15, 1953, it will be perfectly satisfactory to delay the repair work on your dam as outlined in our letter of December 8, 1953, until such time in the Spring of the year when the farm will again be in operation and you have personnel available for the doing of maintenance work.

Our letter report of December 8th was simply a letter of information in order that you might know of any conditions at your dam which our Engineer feels would eventually require greater expense and effort for repair if minor repairs were not taken care of in the near future.

The gulleys referred to are small in size, as reported by our Engineer, and though they do not endanger the structure at the present time, they could grow larger and be more costly for you to repair if allowed to go unattended throughout the coming year.

When you return to the farm in the Spring and you examine the dam, our Engineer will be glad to meet you at the farm and point out these gulleys and discuss any maintenance work which may be desirable. If we can be of assistance to you at any time insofar as the maintenance of your dam is concerned, we will be pleased to cooperate with you and assist you.

Very truly yours,

COUNTY COMMISSIONERS

By _____
Chairman

WATER SUPPLY
SEWERAGE
SEWAGE DISPOSAL
STRUCTURAL ENGINEERING

TIGHE & BOND, Inc.
CONSULTING ENGINEERS

189 HIGH STREET
HOLYOKE, MASSACHUSETTS
GEORGE H. McDONNELL
PHILIP W. SHERIDAN

DAMS & POWER INSTALLATIONS
HIGHWAYS & BRIDGES
HOUSING DEVELOPMENT
WASTE DISPOSAL

C-D

October 18, 1955

The Hon. the Board of County Commissioners
Hampden County Court House
Springfield, Mass.

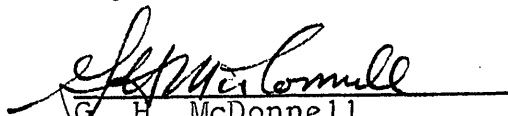
Gentlemen:

- On Tuesday afternoon, October 11, 1955, the undersigned met with Mr. Wetstone and members of the Soil Conservation Section of the Department of Agriculture relative to the restoration of three dams on property of Mr. Wetstone in East Longmeadow.

The dams will be repaired in accordance with plans and specifications that will eventually be filed with your Board for the purposes of review and approval or recommendation. No work on the dams will be done until plans have been filed and approved. The proposed repairs as discussed on the afternoon of the 11th are in keeping with good hydraulic practice and it can be expected that when the plans are submitted for consideration, provided the design is in accordance with our discussion, that the structures as planned will be safe and in keeping with modern day design practice.

Very truly yours,

GHM.emm


G. H. McDonnell
County Hydraulic Engineer

COPY

March 27, 1956

C-D E. Longmeadow

Wetstone Tobacco Corp.
Shaker Road
East Longmeadow, Mass.

Gentlemen:

With the coming of Spring weather in a short time, it can be expected that the reconstruction of your dams will be starting soon.

Before reconstruction does begin, will you kindly notify the undersigned of your proposed construction schedule so that we can make the necessary inspections of the work and thus not delay you in bringing about the completion of your work at an early date.

Very truly yours,

GHM/emm

George H. McDonnell
County Hydraulic Engineer

December 13, 1967

Wetstone Tobacco Corporation
521 Shaker Road
East Longmeadow, Massachusetts

Gentlemen:

In accordance with the provisions of Chapt. 253, Section 45, et. seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your dams located on Freshwater Brook and on Jawbuck Brook in East Longmeadow have been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"Dam #2 on Freshwater Brook The embankment at this dam was found to be well shaped and in satisfactory condition. Vegetation on the side slopes consists mainly of weeds and brush. These should be cut and the Owner should develop a good growth of turf over the entire embankment.

The spillway shaft was found to be satisfactory. Water level in storage was at the crest of the vertical spillway tube. The tube inlet was okay.

The toe of the embankment was satisfactory and the discharge end of the spillway showed little or no evidence of erosion in the bed of the brook.

The swale spillway located to the left of the dam embankment was found to be satisfactory. A good growth of turf should be promoted in the swale spillway.

Though the dam is in need of some maintenance, particularly as relates to the development of turf growth, the structure was considered safe when checked.

Dam #3 on Jawbuck Brook The embankment sections of this dam were in fair condition. Brush has been cut from the left embankment section located between the pumping station structure and the spillway. The right embankment section located at the opposite side of the spillway was in fair condition but should be maintained in such a way as to develop a good growth of turf over the entire surface.

The spillway structure itself was in good condition. Water level was at the masonry crest and no flashboards were on the crest.

The toe areas of this dam and spillway were found to be satisfactory.

As in the case of the dam on Freshwater Brook, the Owner should develop a good growth of turf over both embankment sections. The dam was considered safe when inspected.

It is recommended that the advice of the County Hydraulic Engineer be followed in developing a good growth of turf on the surface of each of the earth embankments of these two dams.

Any information you may desire in connection with this matter will be furnished by this office upon request.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

Wetstone Tobacco Company Dam No 3



1950 East Longmeadow

Dam located on Jawbuck Brook. See Wetstone Tobacco Company Dam No 2, for additional information. Also see: Dam Report Section - East Longmeadow.

City/Town	East Longmeadow
Dam	Wetstone Tobacco Company Dam No 1
Dam	Wetstone Tobacco Company Dam No 2
Dam	Wetstone Tobacco Company Dam No 3
Name	Wetstone Tobacco Company
Water	Jawbuck Brook

**EAST LONGMEADOW
D06005**

WETSTONE TOBACCO COMPANY DAM #3

NO IMAGE ON FILE FOR THIS RECORD

**(INFORMATION EXISTS ONLY ON A FILE CARD FROM THE
OFFICE OF THE FORMER HAMPDEN COUNTY ENGINEER.)**



End of Book D06 ~ Dams ~ Town of East Longmeadow